



Army Moves to Enterprise Email

What is it?

Enterprise Email enables users to access their Army email from any Defense Department location and to collaborate with any Army user worldwide via a Global Address List and enterprise calendar sharing. Today, most Army users are unable to share calendars or to find contact information for Army email users at other locations.

In February 2011, the Army began migrating Microsoft Exchange email users to the Exchange 2010 service managed by the Defense Information Systems Agency. The migration covers 1.4 million unclassified network mailboxes and 200,000 secret network mailboxes. The Army migration is scheduled for completion by December 31, 2011. The U.S. Army Network Enterprise Technology Command/9th Signal Command (Army) will serve as the Army ISP for email service. Enterprise Email will leverage Army-owned Microsoft software licenses and the DoD cloud provided by DISA.

Enterprise Email is one of several major Army IT efficiency initiatives that support Secretary of Defense efforts to free up resources for other Defense Department priorities.

Why is this important to the Army and to individual soldiers?

Enhanced communication and collaboration across the DoD enterprise will improve Army, and eventually all DoD, operations and mission effectiveness.

With fewer servers and administrators, and the elimination of unnecessary seams between thousands of current heterogeneous local networks, security will increase. Email storage for most users will grow to 4 gigabytes. The base service will exceed current standards, enabling the Army to skip a generation of Microsoft email capabilities. Enterprise Email also will substantially reduce hardware and storage expenses, and eliminate email and spam-filtering redundancies.

Ultimately, all non-tactical Exchange servers will be retired and 1.4 million Common Access Card holders will receive their email service from the DISA-DoD cloud. This effort will produce significant efficiencies beginning in FY12 and generate annual savings exceeding \$100 million in FY13 and beyond.

What has the Army done?

In September 2010, the Army and DISA agreed to initiate the migration of Army users' email addresses and calendars to the DISA-managed Microsoft Exchange 2010 service.

Once users are on Enterprise Email, they will have access to a true DoD global address list with the email contact details for more than 3.5 million DoD employees, as well as an enhanced web mail experience. The initial 2,000 users who migrated and have been testing the system think the service is a vast improvement over what they had before, and are seeing enhanced productivity. Problem resolution follows the current procedures that are in place at each location, while the local service desks will have access to a single point of entry to resolve email issues. DISA is providing 24x7 coverage for issues.

What does the Army have planned for the future?

The objective of enterprise email is for all of DoD to use the same service, enabling collaboration across the entire department. The Army also plans to allow access from any CAC-enabled PC or laptop, including home computers. Additionally, as Exchange servers are retired, CIO/G-6 intends to reduce the number of Army Data Centers by 75 percent by 2015. Data center consolidation will enhance efficiency and security across the Army. ■

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ARMY CIO/G-6

An Enterprise Network: the Key to Army Transformation

The individual warfighter and the collective Army rely more heavily than ever before on information technology to execute the mission. To provide the data and capabilities Soldiers need, among them intelligence, surveillance, reconnaissance, communications and command and control, securely and on demand, the Army's network must become an enterprise system. Only by centralizing the network, known as LandWarNet, will the Army be able to make it sustainable, defensible and a truly operational capability.

The challenge is to deliver network services that are timely, relevant and focused on the warfighter via enterprise solutions that effectively and efficiently support the Army of the 21st century. Today's Army is a versatile mix of tailorable and networked organizations that operate on a rotational cycle and conduct wide-ranging full-spectrum operations. LandWarNet is the key to making this force structure successful, down to the tactical edge.

The Army is moving to a global enterprise network. The results, so far, are promising. Various exercises have successfully demonstrated that the enterprise concept is viable and achievable; procurement and construction of the physical network infrastructure are proceeding apace. ■

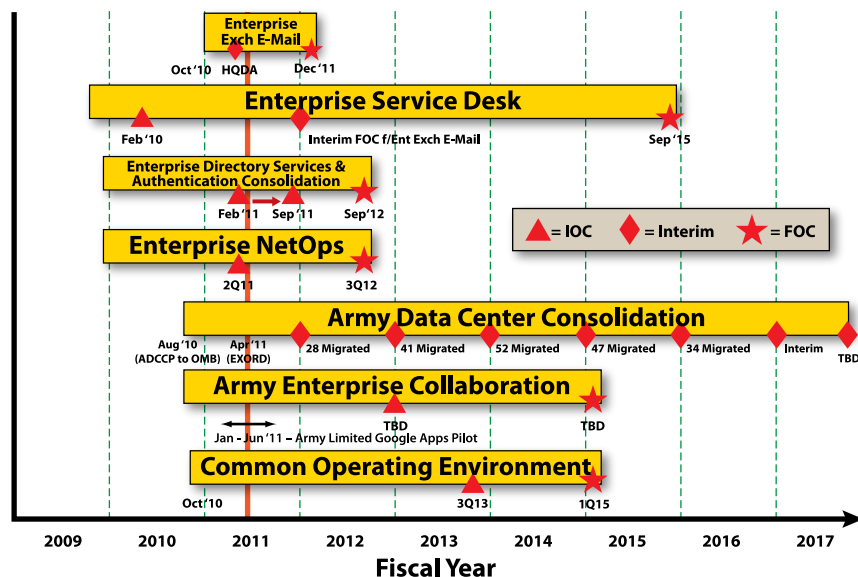
Why is LandWarNet transformation important to the Warfighter?

The ability to fight upon arrival is critical to enabling the predominantly CONUS-based Army to respond effectively to any threat in any environment. The Army's current networks, information systems and resources are not sufficient to support a true fight-upon-arrival capacity. Access to the network and information technology resources is inconsistent; units must deal with numerous IT-related changes as they move from one physical location to another and one phase of the Army Force Generation cycle to another. However, by providing all warfighters universal access to their applications, data and collaboration and training resources, as well as one email address and telephone number, the Army will achieve this essential fight-upon-arrival capability.

Where Are We Now?

In the past year, we have brought fidelity to the strategy, detailing plans for adopting industry standards and protocols, pursuing data center consolidation and establishing a common operating environment to accelerate software development and increase network security. Additionally, Army Cyber, a new command to oversee the operation and defense of Army networks, was activated. With fiscal reality and the always adapting enemy in mind, the Army will continue to define and refine network doctrine, tactics, techniques and procedures, and to incorporate technological advances, customer demands, national strategic objectives and process improvements into LandWarNet. ■

Top Strategic Initiatives and Implementation Timeline



Enterprise Exchange Email & Calendar

Enterprise Service Desk

Enterprise Directory Services and Authentication Consolidation

Enterprise Network Operations (NetOps)

Army Data Center Consolidation

Army Enterprise Collaboration

Common Operating Environment

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